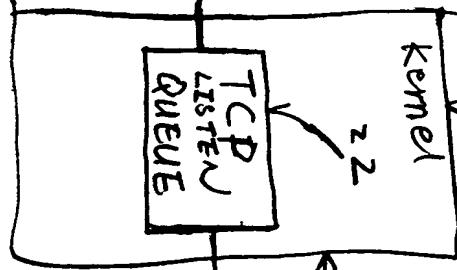


Figure 1 (Prior Art)

DATA SERVICE SYSTEM

20

EXTERNAL
REQUESTS



APPLICATION

21

22

FIGURE 2 (PRIOR ART)

SERVER APPLICATION SYSTEM

40

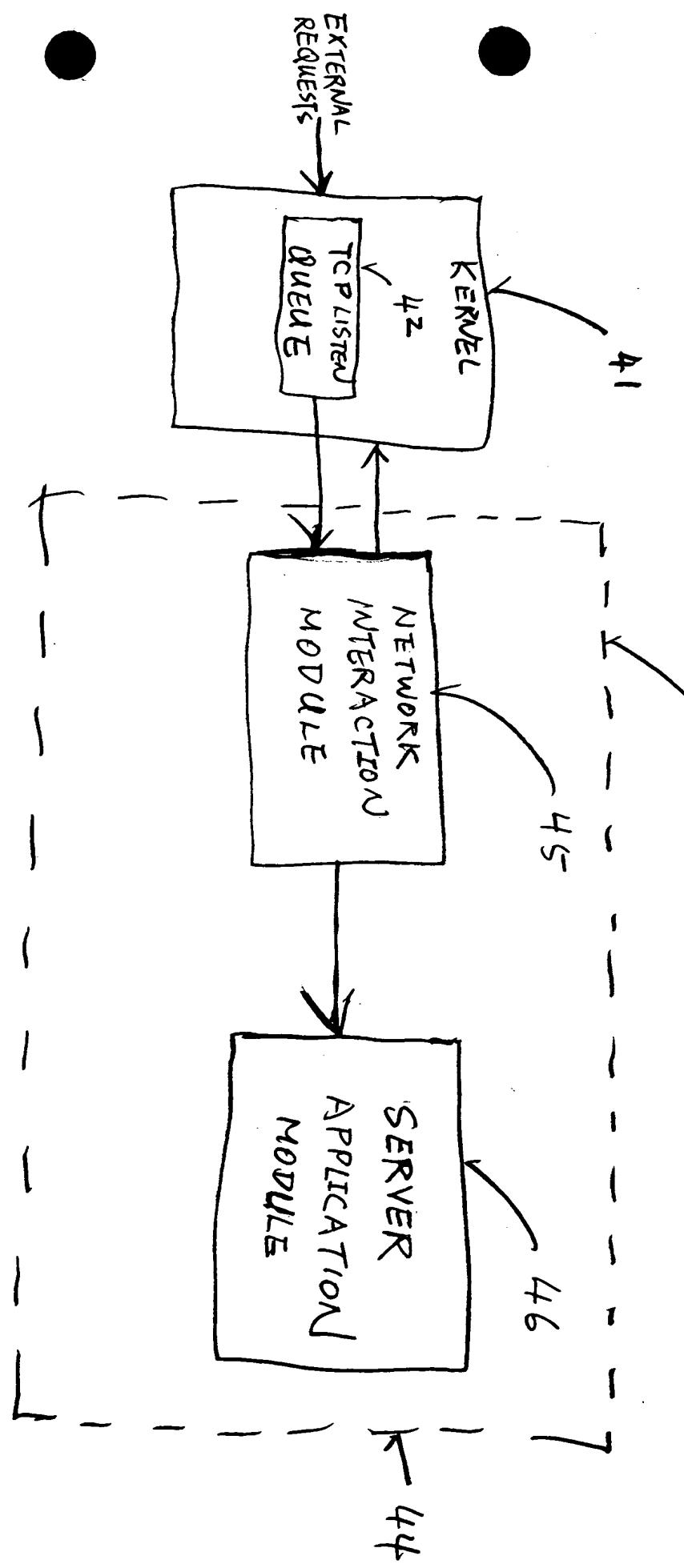


FIGURE 3

45

61
DECISION
MODULE

62

INTERNAL
QUEUE

FROM SERVER
APPLICATION
MODULE

63

NOTIFICATION
MODULE

TO SERVER
APPLICATION
MODULE

FIGURE 4

DECISION MODULE PROCESS

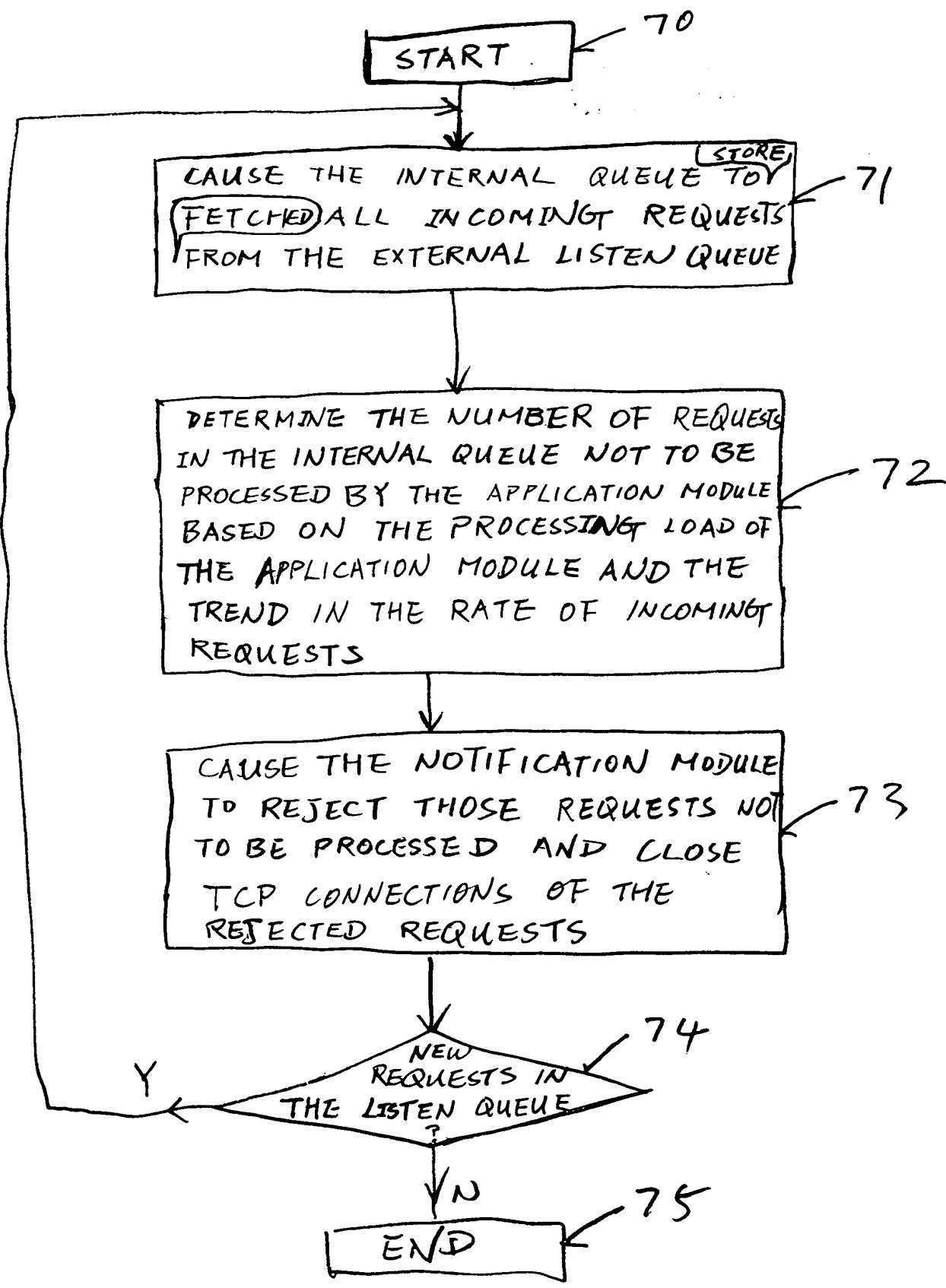
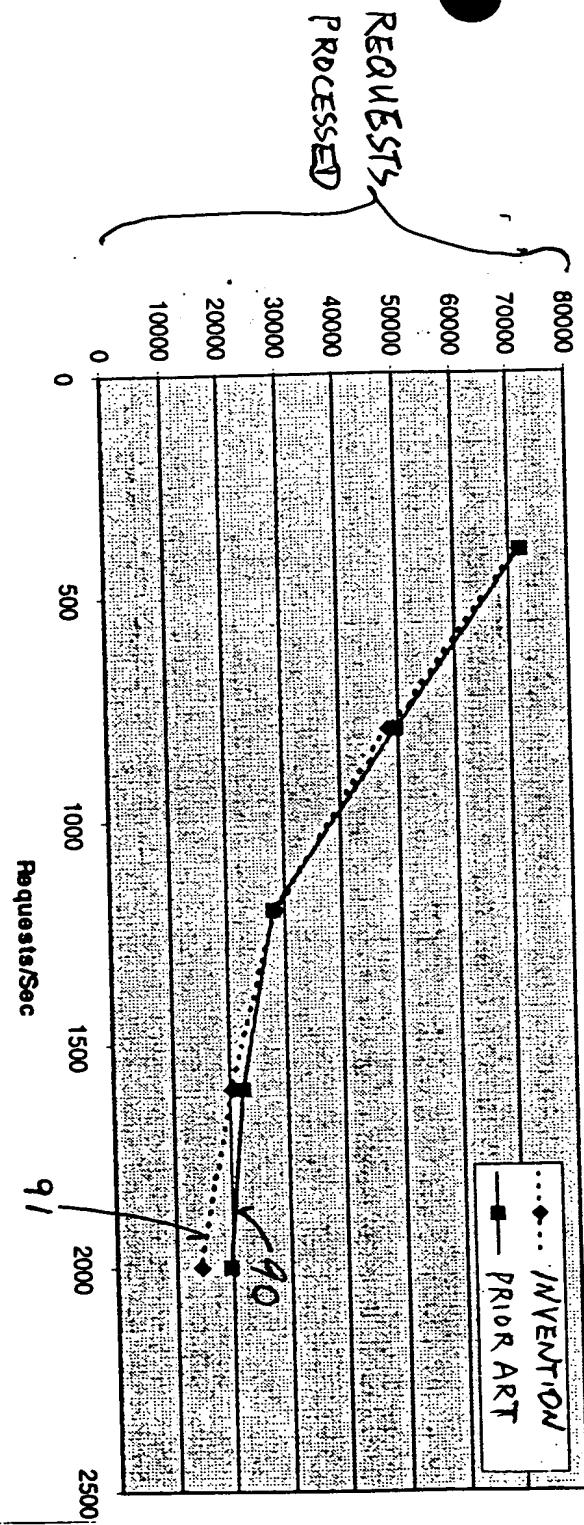


FIGURE 5

FIGURE 6



MEDIAN
RESPONSE
TIME OF
SUCCESSES

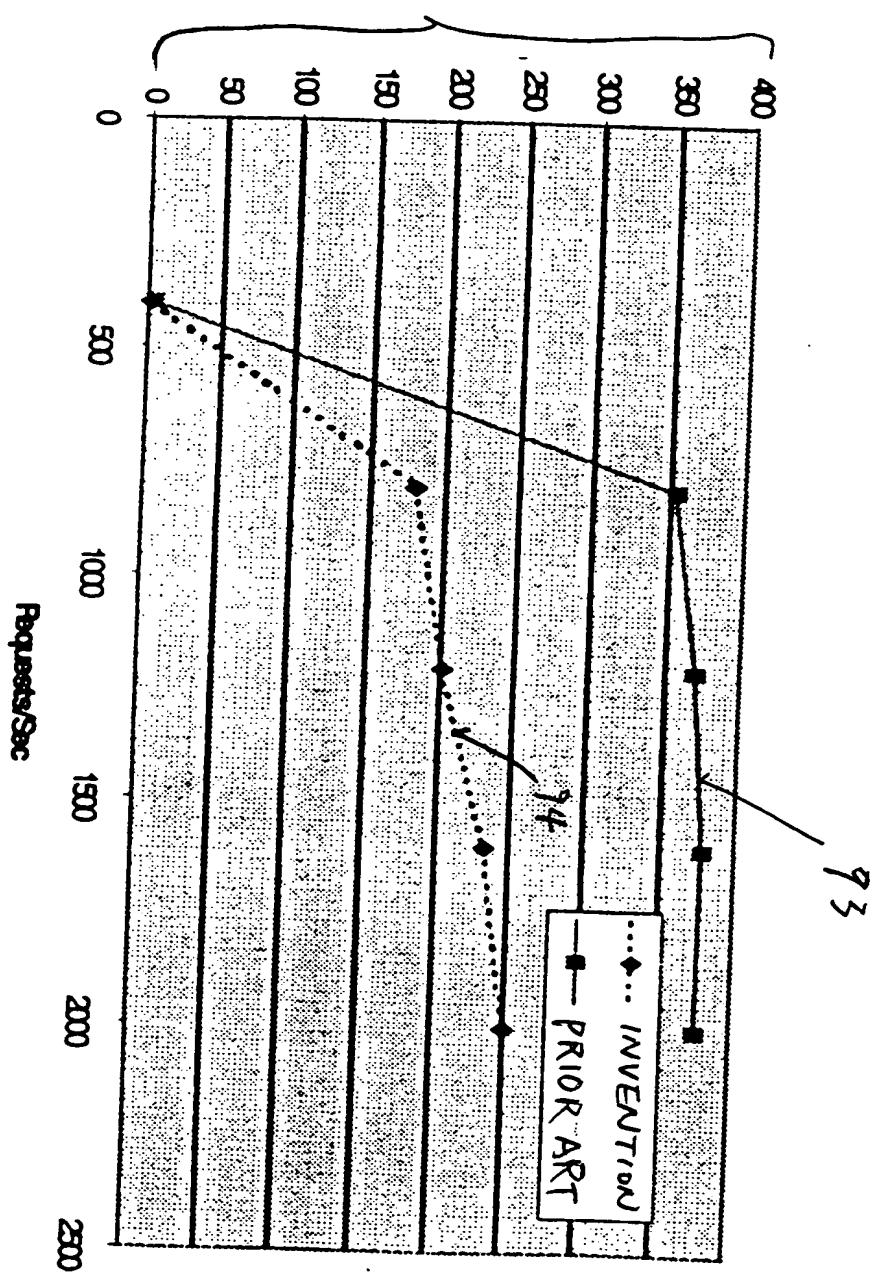


FIGURE 7

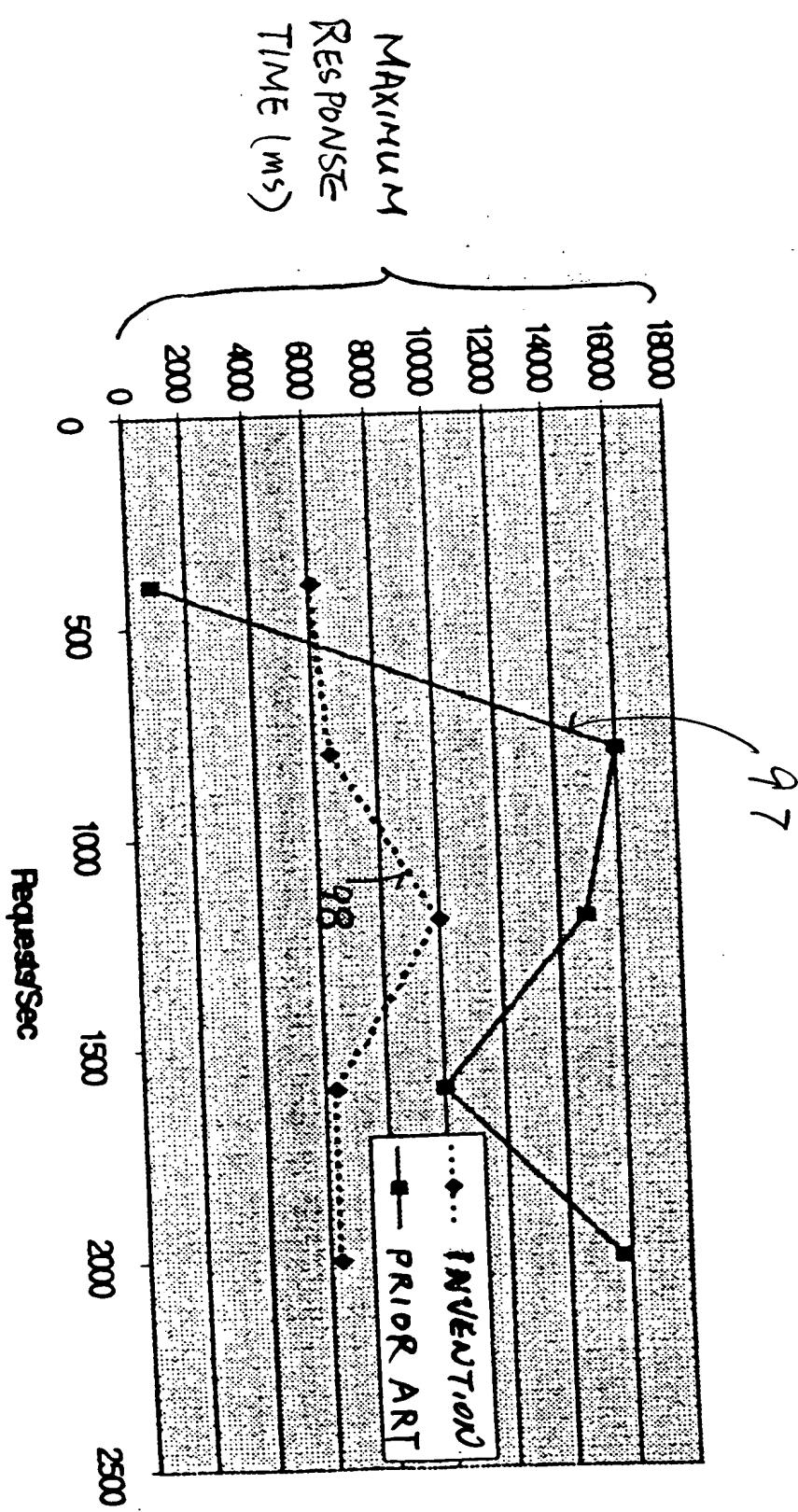


FIGURE 8